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ABSTRACT OF THE DISCLOSURE

10 In a radiation image storage panel composed of a
phosphor layer produced by vapor phase deposition, the
phosphor layer is composed of an europium activated cesi-
um halide stimuable phosphor and exhibits an ultraviolet
light-excited emission spectrum satisfying the condition
15 of:

$$0 < S(400-420) < 0.20$$

20 in which $S(400-420)$ represents a ratio of an amount of a
light emitted by a luminous component giving an emission
peak in the region of 400 to 420 nm based on the total
amount of emitted light.